Dear all,

Please find below your PCR DNA sequence data, the sequences can be identified by the name of the group and the PCR type.

- Try to find out what is possible to do with this type of information (NCBI/ BLAST analysis).
- Compare the results of DNA sequence by that obtained by RFLP in terms of species identification.
- Which from both sequences (ITS and Cytochrom b) gives more precious species identification?
- What you will do if one sequence showed similarity to more than one type of leishmania species?

G5/ ITS-a

G5 / ITS-b

NNNNN

G5 / Lcyto-a

G8 / ITS-a

G8 / ITS-b

G8 / Lcyto-a

G3 / ITS-a NNNNN

G3 / ITS-b

G3 / Lcyto-a

NNNNN

G6 / ITS-a

CGCGATGGATGACTTGGCTTCCTATTTCNTTGAA

G6 / ITS-b

G6 / Lcyto-a

G4 / ITS-a

G4 / ITS-b

G4/ Lcyto-a

G7 / ITS-a

G7 / ITS-b

G7 / Lcyto-a

G2 / ITS-a

G2 / ITS-b

AAGTTTTGTACTCNAAATTTGCANTANANAAAAGGCCGATCGACNTTATAACGCACCGCCTATACAAAAGCA AAAATGTCCGTTTATNCAAAAAATATACGGNGTTTCGGTTTTTTGGNNGNGTGGGTGCGNGNGNGGGATAACG GCTCACATAACGTGTCNCGATGGATGACTTGGCTTCCTATTTCNTTGAANAACGCAATAAAGTGCGATAAGT GGTATCAATGGTATCA

G2 / Lcyto-a

G9 /ITS-a

G9 / ITS-b

G9/ Lcyto-a